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(54) Title: METHOD FOR MEASURING VOLATILE ORGANIC COMPOUNDS AND A KIT FOR SA ME**(57) Abstract**

A method for measuring volatile organic compounds (VOCs) of a material produced in a process system is disclosed. The method involves an enclosed bag into which a sample of material is placed, after which the bag is stored at a predetermined temperature such that the contents reach equilibrium. The storage temperature is the mean exit temperature of the effluent from the process system for which a VOC measurement is required. Samples from the headspace in the bag are inputted into a flame ionization detector to provide the VOC level. A kit for using the method is also disclosed.

